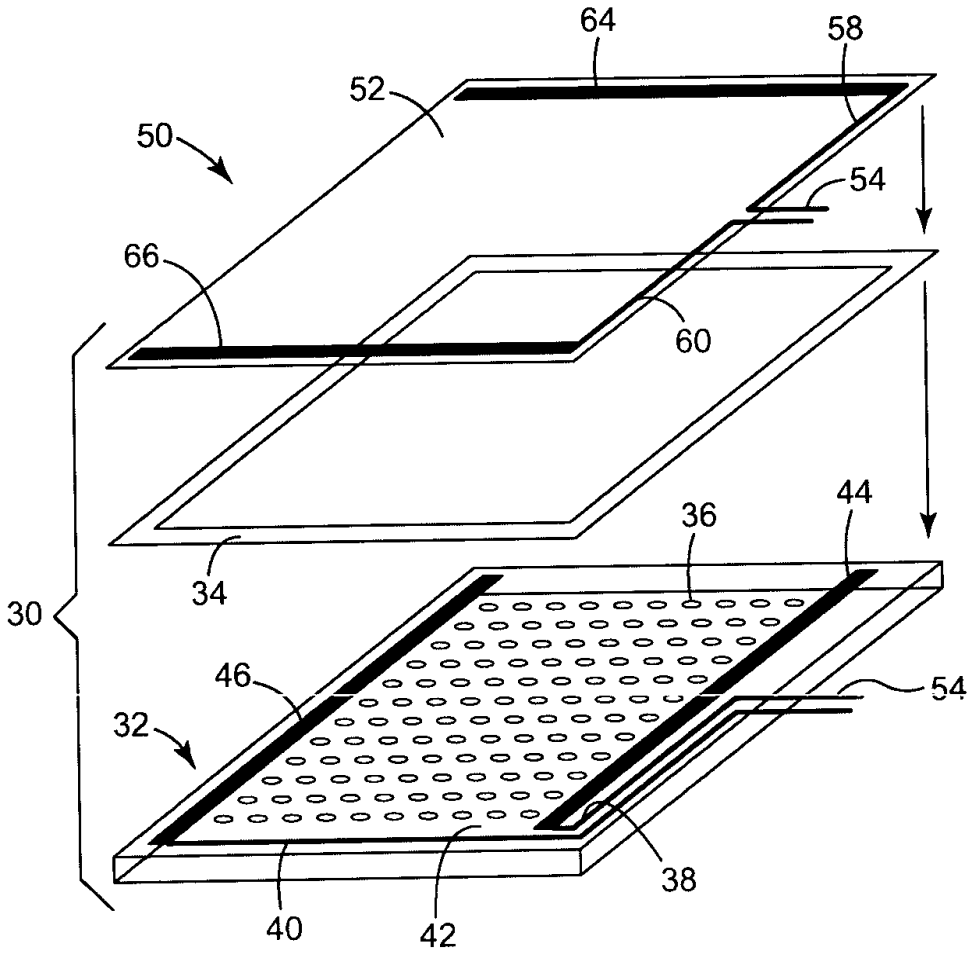

FIG. 1

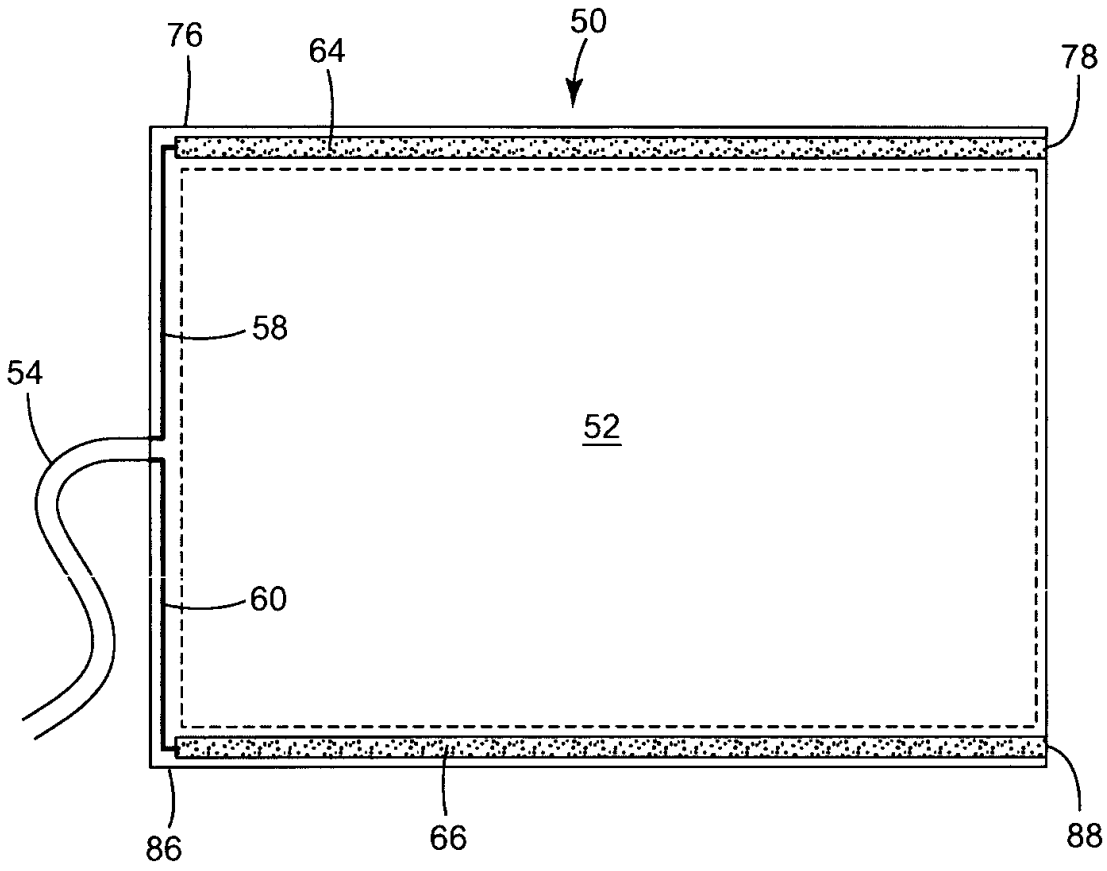

FIG. 2

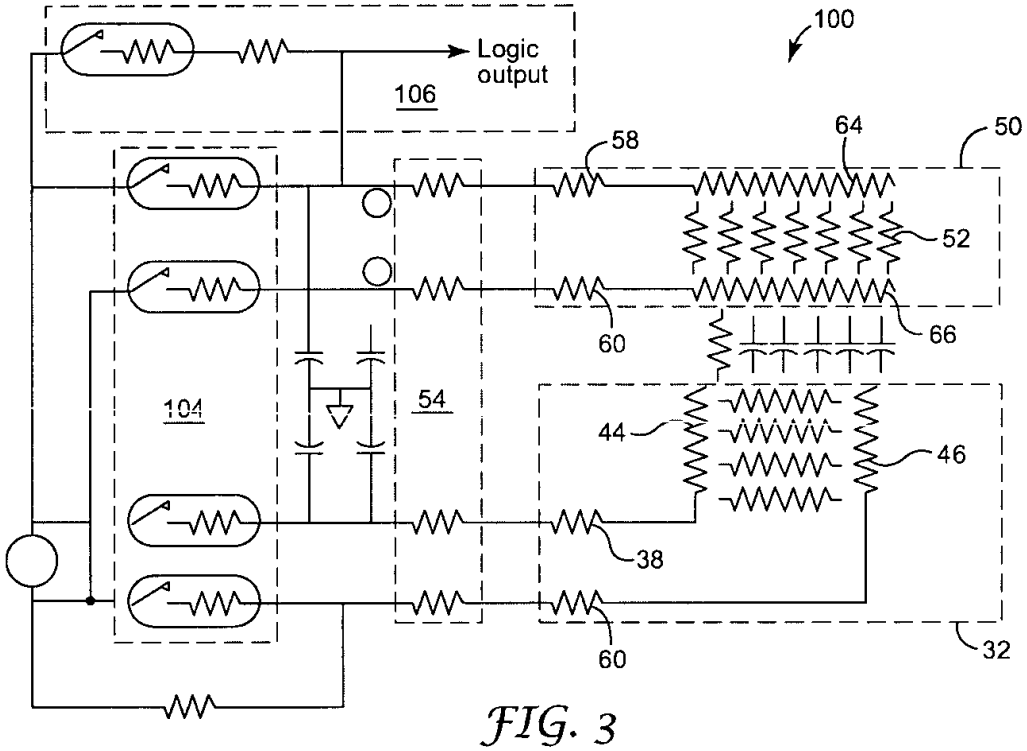

FIG. 3

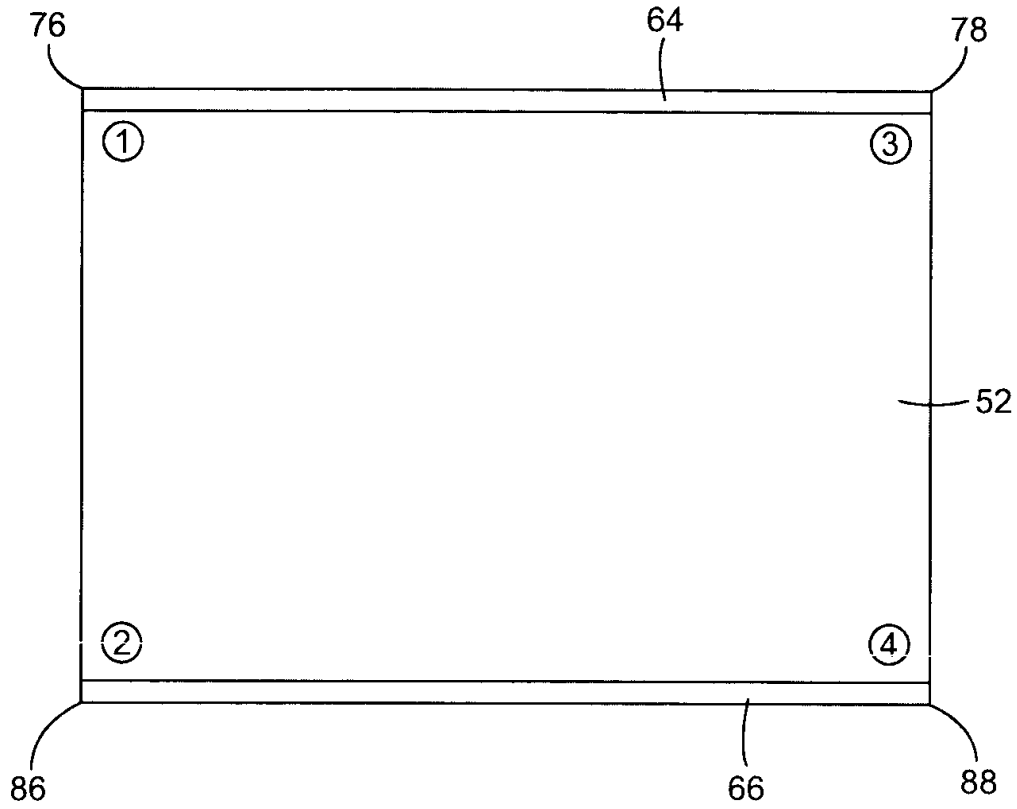

FIG. 4

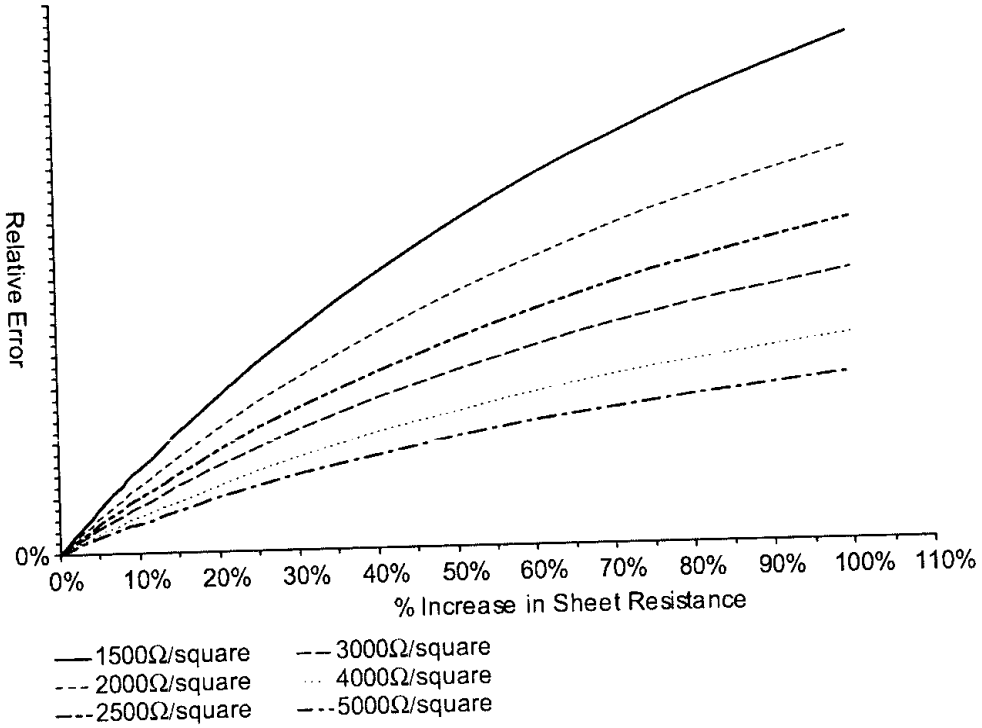
Relative Error
0%
0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100% 110%
% Increase in Sheet Resistance
1500Ω/square
2000Ω/square
2500Ω/square
3000Ω/square
4000Ω/square
5000Ω/square

FIG. 5

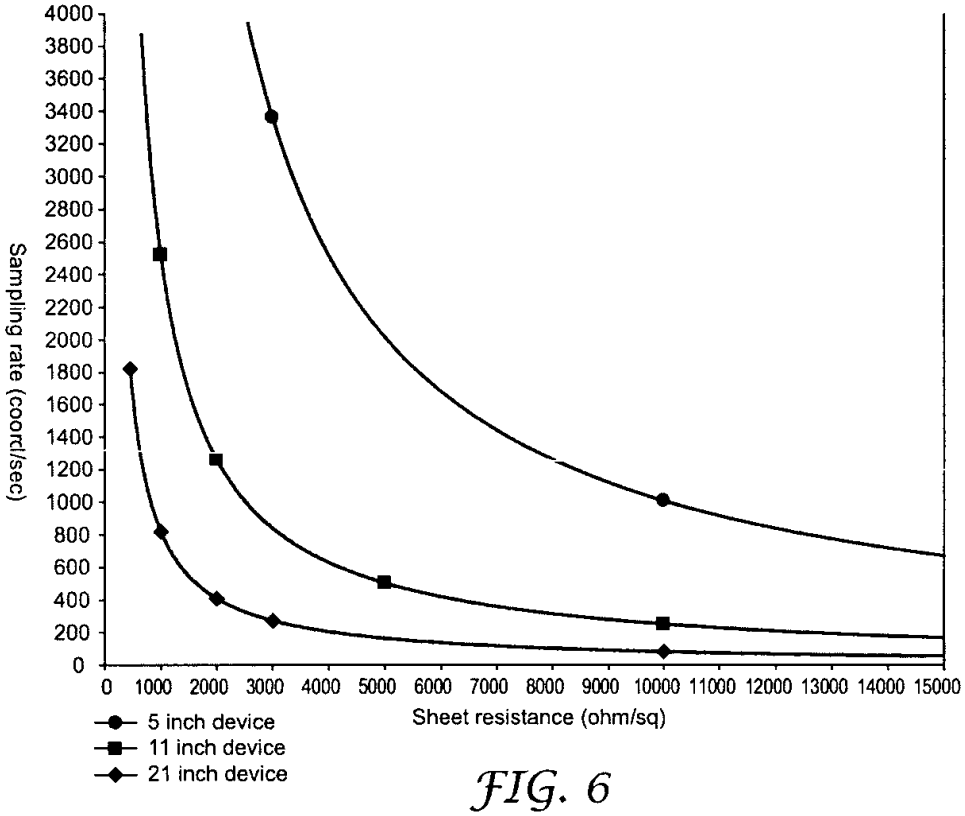
Sampling rate (coord/sec)
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000
Sheet resistance (ohm/sq)
5 inch device
11 inch device
21 inch device

FIG. 6

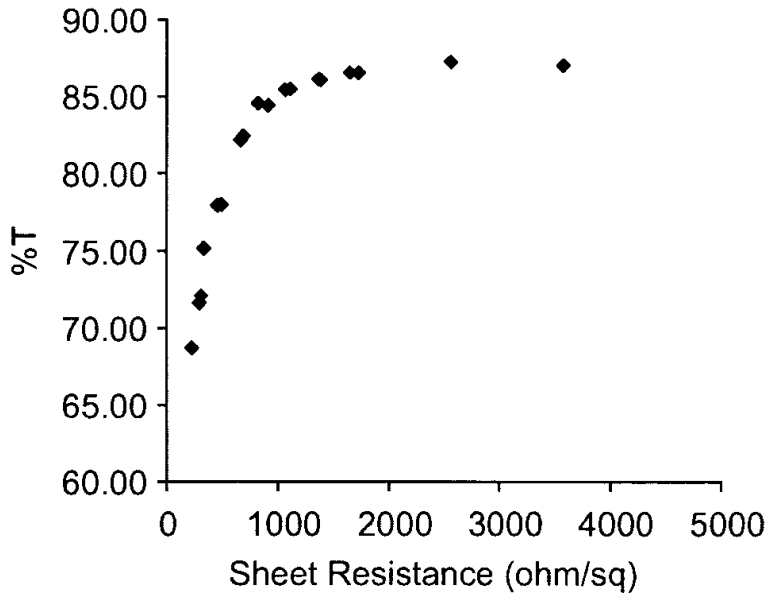
90.00
85.00
80.00
75.00
70.00
65.00
60.00
%T
0
1000
2000
3000
4000
5000
Sheet Resistance (ohm/sq)

FIG. 7